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September 2018 Edition

September Meeting Minutes

Jeremy Mooney, KC0LDI, called the meeting to order at 1 PM. 12 members were present.

- Introductions made around the table.
- The August 2018 Minutes were approved.
- Paul Bushouse, N0TYE, reports there is \$2716.86 in the checking.

Old Business:

No old business.

New Business:

Bob Liesenfeld, WB0POQ, reminded the group that we need volunteers for presentations.

Jeremy Mooney, KC0LDI, brought up the November Build-a-thon. Suggestions were solicited for a possible project. Some of the suggestions were:

- Chat With The Designers project.
- TRD/Time Domain Reflectometer.
- GPS Time Sync

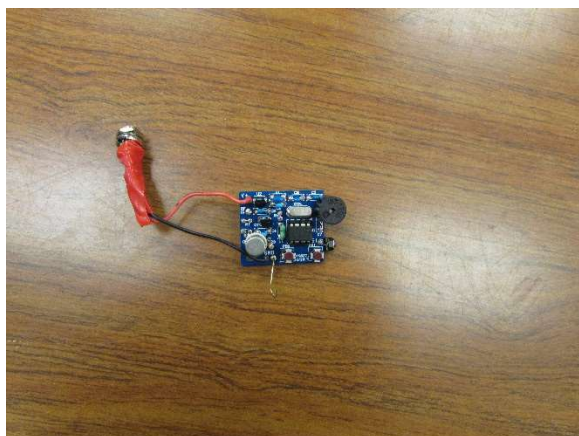
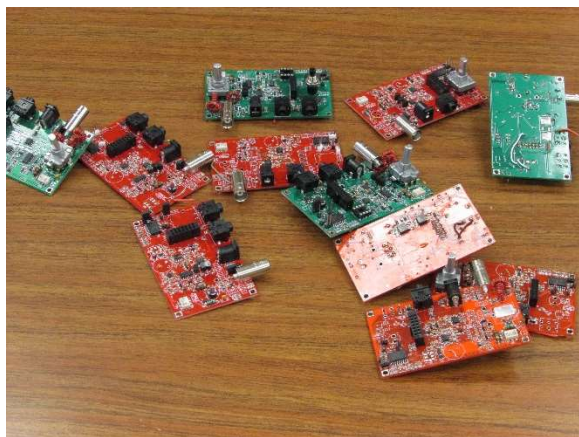
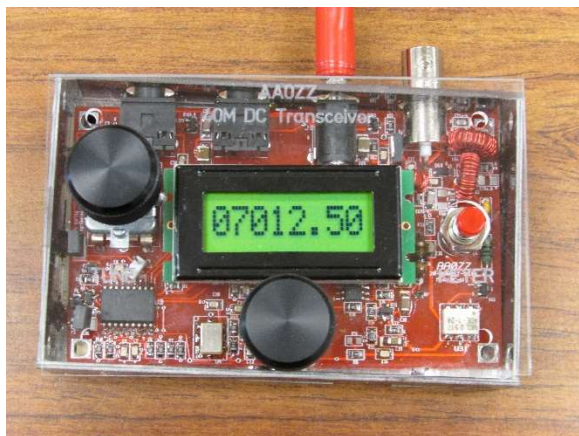
- Small piece of test gear. i.e. transistor checker, crystal checker, frequency counter.
- RF wattmeter

Show and Tell:

Craig Johnson, AA0ZZ, brought in the final version of the 40 meter CW transceiver he has been working on. It is housed in a custom case with a clear top. Craig did all the programming himself. The receiver has a -120 db spec and the output is ~ 3.6 watts. The unit uses 0805 surface mount components and an SI570.

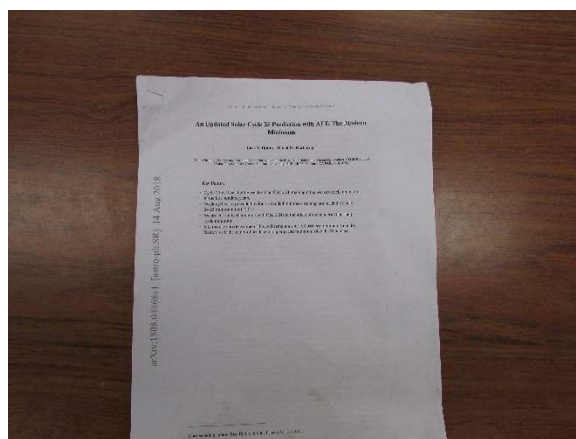
Craig also brought in a PIC based frequency counter that beeps out the frequency.

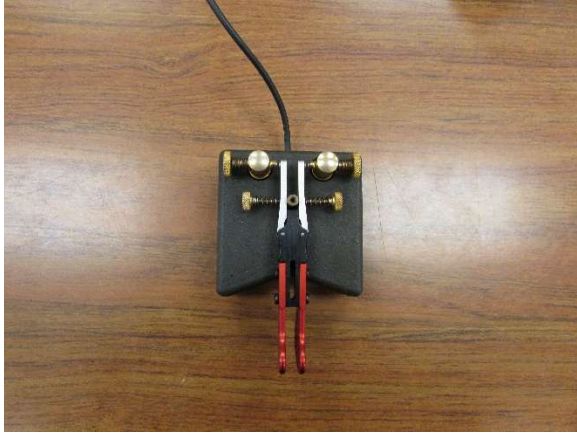




John Krawczak, KJ0P, brought in a roll of RG196 which is a thin Teflon 50 ohm coax. It is useful for inter wiring between boards, etc. John offered some to anyone who wanted to try it.

John also brought in a recent report on the current solar cycle and a Belagi single lever key he recently obtained. The key is heavy and silky smooth. Additionally, he brought in a KGB Spy key along with some documentation. This is a small key and military grade construction.





September Presentation

Bob Liesenfeld, WB0POQ, spoke on:
*Designing Inter-stage Coupling
Networks For Small Signal BJT HF RF
Amplifiers.*

Bob explained how to match the input and output impedances between stages along with the practical considerations that need to be made. He provided the necessary formulas for making the calculations. Excellent presentation!!



Submitted by: Steve Ulrich/NW0C

Club Officers:

<i>President:</i>	<i>Russ Ramirez/K0WFS</i>	<i><u>russ.ramirez@gmail.com</u></i>
<i>Vice Pres:</i>	<i>Jeremy Mooney/KC0LDI</i>	<i><u>kc0ldi@qux.net</u></i>
<i>Secretary:</i>	<i>Steve Ulrich/NW0C</i>	<i><u>ulrichs@comcast.net</u></i>
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